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THE VALLANCE NURSERY



LOS ANGELES ROSE

81 Glen Avenue, OAKLAND, CALIFORNIA
1921

THE VALLANCE NURSERY

81 Glen Avenue (one block from 40th St and Piedmont Avenue), Oakland, California

By way of a word of introduction, Mr. John Vallance was manager of the Nursery department of C. C. Morse & Co. during the time they had a nursery, and Mr. James Vallance was also connected with that firm.

We are succeeding the Nursery department of C. C. Morse & Co., and are continuing the business at the same location, 81 Glen Avenue, just one block from 40th Street and Piedmont Avenue. Prospective customers and those interested in plants are invited to call and inspect our stock and consult us about planting at all times.

Our experience in planting Ornamental Grounds and Orchards, extends actively over 25 years in California.

We are glad to consult with you about your planting problems.

GREENHOUSES and SALESYARD are situated on GLEN AVENUE, off Piedmont Avenue, OAKLAND, CAL. Visitors from San Francisco can reach there by taking the new Key Route Ferry (foot of Market Street) to PIEDMONT STATION; those from Oakland, by taking the Piedmont Avenue cars on Broadway to Glen Avenue. NURSERY TELEPHONE, PIEDMONT 30.

ORDERS. Please remember that when busy season commences the Nursery is rushed with orders. It may be a few days before orders can receive attention. Rest assured that there will be no unnecessary delay in shipping.

Prices quoted herein are f. o. b. cars, Nurseries, and cancel all previous quotations.

CLAIMS. Should any errors occur we desire to be informed upon receipt of goods, in order that we may rectify them without delay. All claims must be filed within 10 days after the arrival of the shipments.

THE VALLANCE NURSERY give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any plants or trees they send out, and will be in no way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

PACKING. Sufficient money should be added to remittance to cover cost of boxing, etc. Say 10 per cent of purchase.

SUBSTITUTION. It should be stated whether and to what extent substitution will be allowed in case the order cannot be filled to the letter. Where no instructions in this respect accompany the order, we shall feel at liberty to substitute other varieties as nearly similar as possible.

GUARANTEE. We do not guarantee stock to live, nor will we replace free of cost that which dies or fails to grow. We do guarantee, however, that all Nursery stock will be in good, live and healthy condition upon departure from the Nursery.

NURSERY STOCK can go by parcel post, if customer lives too far from express office. If desired by post, please add postage.

FRUIT TREES and all kinds of Nursery stock is not plentiful. During the war the production was greatly reduced and there has gone into effect recently a quarantine law which practically shuts out all Nursery stock that used to be received from foreign countries.

Terms: Money can be sent by money order or personal check.

ACCEPTANCE OF ORDERS. We accept all orders on condition that same shall be void should injury befall our stock from fire, frost, floods, drouth or any other cause which could not be prevented and over which we have no control.

ROSES OF GREAT MERIT

The plants that we offer are all two-year-old, strong field grown and will bloom the first spring. 75c each \$7.50 per dozen, except where noted OTHERWISE. If desired by mail, please allow for postage.

AUTUMN TINTS

Coppery red, shaded orange and salmon, of very great excellence. \$1.00 each.

BILLARD ET BARRE

Clear canary yellow; buds and flowers large cupped shaped. This is an unique shade, and is of great merit.

BRITISH QUEEN

Pure white; buds beautifully formed; with pointed center and reflexed outer petals. A lovely rose.

C. W. COWAN

The color is warm carmine cerise; the blooms large, full, imbricated in form and very freely and continuously produced. Delicious tea rose perfume.

CLIMBING RICHMOND

Rich velvety scarlet, buds long and pointed; a very strong grower.

CLIMBING SUNBURST

Lovely yellow-orange; buds long and pointed.

DUCHESS OF WELLINGTON

Intense saffron yellow; a very beautiful color; buds long and pointed; exceedingly free in bloom.

DUCHESS OF SUTHERLAND

The color is delicate, warm rose pink with lemon shading.

DUCHESS OF WESTMINSTER

Clear, rose-pink, very large and full, sweetly perfumed, highly commendable.

GEORGE DICKSON

The color is velvety black scarlet-crimson, with brilliant scarlet reflexed tips, with heavy and uniquely pure crimson-maroon veining on the reverse.

GEORGE ARENDTS

Delicate pink; large flowers; a beautiful rose, which we can recommend highly.

GEORGE C. WAUD

Very deep solid pink. Of good substance, free in bloom; plant very vigorous.

GRACE MOLYNEUX

A beautiful shade of creamy apricot; very charming.

HADLEY

Dark velvety crimson; very fragrant.

HOOSIER BEAU

Glowing crimson scarlet with darker velvet; deliciously fragrant. The buds borne on long stiff stems. \$1.00 each. Buds long and pointed, texture like

IRISH FIREFL

Old gold; flushed crimson; buds long and pointed; foliage rich and glossy; plant strong grower.

IONA HERD

This grand new hybrid-tea variety most wonderful color yet produced among roses; it is clear orange-flame, the flowers are carried on good stems, and is beautiful in bud, and when full blown it is continuous bloomer; the growth of plant is also ideal; the foliage is bright glossy green. \$1.00 each.

JOSEPH P

Pink, shaded salmon, outside of petals superb shade; flowers large and double. One of the best recent introductions.

JULIET

Outside of petals old gold, center rich, rosy red, changing to deep rose as the flowers expand.

KING CHARLES

Very large flowers, ball-shaped; lovely shade of silvery pink.

LADY HILLINGDON

Blooms continuously, buds very long with a most pleasing shade of orange yellow. Particularly fine in the bud state.

LOUISE CATHERINE BRESLAU

A very vigorous grower of robust habit, with fine glossy green foliage; the color is unique and beautiful, of coral tint, shaded with chrome-yellow, a most wonderful combination.

LOS ANGELES

The originator (Fred S. Howard) describes Los Angeles as "a flame pink, toned with coral and shaded with translucent gold at the base of the petals." \$1.25 each.

LIEUTENANT CHAURE

Velvety crimson-red; large, a grand bloomer; an excellent sort.

LYON ROSE

One of the judges who awarded the gold medal to this rose says: "I have no hesitation in recommending it as the most wonderful color yet obtained among roses. This may be best compared to the intense flame color seen in a glowing coke furnace."

MADAME CHARLES LUTAUD

Large, full and globular flower, fine long bud of a ochre yellow, carmine tinted, carried on long flower stalks. The progeny of an unnamed variety crossed with Marquise de Sinety.

MADAME MELANIE SOUPERT

Salmon yellow, suffused carmine; buds long and pointed; when open the flowers resemble a semi-double paeony.

MADAME HERRIOT

"Daily Mail Rose"

Coral red, shaded yellow at base, passing to shrimp red; a very beautiful combination of colors.

MADAME LEON PAIN

Silvery pink, shaded salmon; buds pointed; flowers large and cupped.

MRS. A. R. WADDELL

Orange pink or reddish salmon. Outer petals flesh colored; a beautiful combination of coloring. Very free blooming.

MRS. AARON WARD

Deep rich Indian yellow, occasionally tinted with salmon. A constant bloomer, with buds and open bloom of most refined form.

MRS. C. E. PEARSON

Orange-flushed red, apricot and fawn; a lovely combination. 75c each.

MRS. CHAS. RUSSELL

Rosy carmine, with scarlet center; very brilliant and pleasing; form of flower excellent; fragrance delicious; splendid keeper and very free bloomer.

MRS. CYNTHIA FORD

A most charming shade of pink; a variety that should be in all collections.

MRS. GEO. SHAWYER

Brilliant rose-pink, large, full and of fine shape.

MRS. WEMYSS QUINN

Intense lemon-crome, suffused orange, which gives it a rare depth of color, which never fades out; flowers and buds ideal; long bloomer; habit of growth perfect.

MARQUIS DE SINETY

Yellow flushed orange, buds pointed; open flowers cupped; fragrance rich and pronounced; a very beautiful sort.



MRS. SAM ROSS

Shading from straw color to chamois-yellow. Very beautiful.

OLD GOLD

Coppery orange; tips of petals tinted red and apricot; buds pointed.

OPHELIA

Salmon flesh, shaded rose, center of flower showing pronounced coloring of chamois; buds long and pointed; very free in bloom.

PHARISAER

Silvery pink, suffused salmon; buds long and pointed.

QUEEN MARY

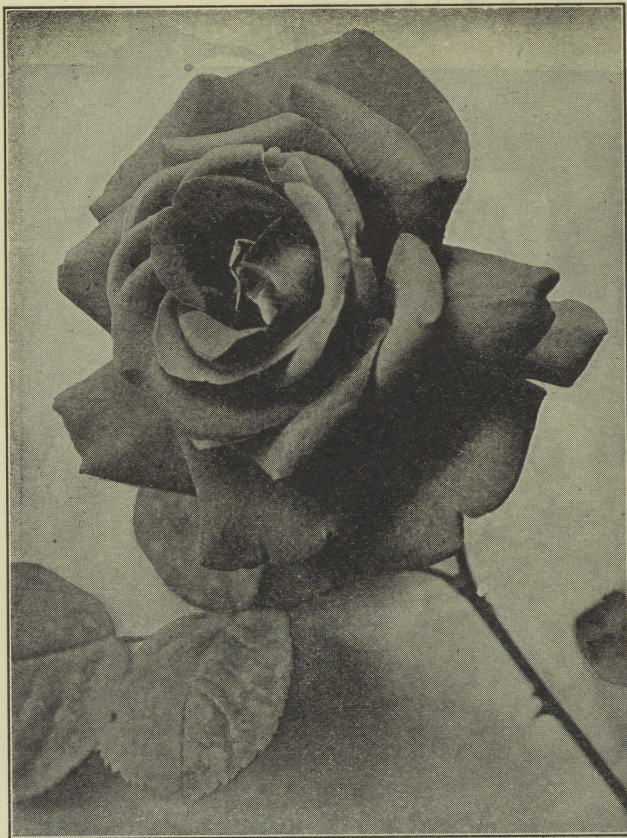
Creamy ground, pencilled and flushed carmine, with an underlying shade of yellow; a wonderful combination of colors; it is extremely free in bloom; of dwarfish habit, thus making it a fine sort for bedding purposes.

RADIANCE

Carmine-pink; large cup shaped; sweetly scented.

RAYON D'OR

Yellow cadum as the bloom begins to open, toning to sunflower yellow when fully expanded. Fine bronze-green foliage, glossy and immune from attacks of mildew.



General MacArthur

SILVER MOON

A grand climbing rose of very strong, rampant growth; foliage very glossy; beautiful creamy white flowers, in clusters.

SUNBURST

Flowers large, fairly full and of nice elongated cupped form; the coloring is a superb cadmium yellow-orange center.

TIP TOP or BABY DOLL

This charming Polyantha variety will certainly be appreciated; color, which is yellow, flushed and tipped with carmine, must appeal very strongly to all rose lovers; it produces its flowers in clusters, and in wonderful profusion for a long period.

WILLOWMERE

Rich shrimp-pink, shaded at center with yellow, edged rosy carmine; a very lovely variety.

ROSES, FINE ASSORTMENT

60c each; \$6.00 per dozen. POSTAGE EXTRA

ALFRED COLOMB—Very rich, deep red.

AMERICAN BEAUTY—Large, globular, deep pink, shaded carmine, delicious odor.

ARTHUR R. GOODWIN—Apricot flushed salmon, fading to shrimp pink; a very lovely sort.

BETTY—Ruddy gold, overspread golden yellow.

BARDOU JOB—Intense velvety red, single, yellow anthers; good climber.

BEAUTY OF GLAZENWOOD—A combination of copper, carmine and salmon-yellow; a strong, fast climber.

BELLE SIEBRECHT—Superb pink; buds are long and pointed.

BRIDE—An everblooming pure white; bulbs pointed and the ends of the petals slightly recurved.

BRIDESMAID—Pink; buds and flowers very double.

CAROLINE TESTOUT—Bright, clear, delicate pink.

CECILE BRUNER—A charming "Baby" variety; color salmon-pink, with deep salmon center.

CHEROKEE (Single)—Clear, white, single flowers.

CHEROKEE SINGLE PINK

CHEROKEE SINGLE RED

CHEROKEE DOUBLE WHITE

CLIMBING BRIDESMAID—A rich shade of velvety pink; buds exquisite; stems long and stiff.

CLIMBING CAROLINE TESTOUT—An exact counterpart in color and shape of that old favorite, Caroline Testout.

CLIMBING CECILE BRUNER—Same as that of the bush form in all respects.

CLIMBING HERMOSA—Velvety scarlet and continually in bloom.

CLIMBING VICTORIA—Buds long and pointed; pure white.

CLIMBING LA FRANCE—Deep pink.

CLIMBING PAPA GONTIER—Buds are long and pointed and of deep-red color; a free and continuous bloomer.

CLIMBING AMERICAN BEAUTY—A grand climber, producing its cherry-red flowers in the greatest profusion.

CLIMBING PERLE DES JARDINS—Flowers are produced in profusion and are deep canary-yellow.

CLIMBING BELLE SIEBRECHT—A climbing sort of the old favorite bush variety; buds long and pointed; beautiful shade of pink.

CLIMBING PINK COCHET.

CLIMBING WHITE COCHET—The "Cochets" are famous for their wonderful wealth of bloom; we are pleased to have a climbing variety to offer.

CAPTAIN HAYWARD—Very fine dark red, sweetly scented.

CHATEAU DE CLOS VOUGEOT—Velvety scarlet shading to bright red and dark velvety crimson; sweetly perfumed.

COUNTESS OF GOSFORD—Lovely shade of pink; flowers produced very freely.

DOROTHY PERKINS—Flowers borne in large clusters; clear shell pink; a vigorous climber.

EMPEROR OF MOROCCO—An intensely dark rose, of velvety maroon.

EDWARD MAWLEY—Deep rich crimson; very long bud.

F. K. DRUSCHKI (White American Beauty)—Pure snow-white; very long buds; shell-shaped petals.

FLORENCE PEMBERTON—Creamy white shaded rose, petals bordered rose salmon; flowers large.

GENERAL MCARTHUR—Dazzling crimson scarlet; buds of ideal shape and exquisite perfume; foliage beautiful; a strong, thrifty grower.

GLOIRE DE CHEDANE GUINOISSEAU—Bright vermillion red; shaded velvety crimson.

GENERAL JACQUEMINOT—Rich, velvety crimson, changing to scarlet crimson.

GLOIRE DE DIJON—A combination of rose, salmon and yellow; flowers very large and full; a good climber.

GLOIRE DE MARGOTTIN—Brilliant shade of red; a free and continuous bloomer; a splendid pillar rose.

HARRY KIRK—Deep sulphur-yellow, changing to a lighter shade of yellow at the edges of the petals. Very fine.

HONORABLE INA BINGHAM—A matchless pink of most charming tone, beautifully veined; the flowers are semi-double; petals very large.

HUGH DICKSON—A brilliant velvety crimson shaded scarlet; bud long and pointed.

IRISH ELEGANCE—Apricot, shaded coppery-bronze at base of petals; flowers single.

KILLARNEY PINK.

KILLARNEY WHITE.

K. A. VICTORIA—Full flowers; magnificent in bud; stems long; pure white.

KATE MOULTON—It is a beautiful clear pink; the edges (which are prettily recurved) are tipped white.

LA FRANCE—Delicate silvery rose, shaded with cerise pink, often silvery pink, with peach shading.

LADY BATTERSEA (Red Niphotos)—Beautiful cherry-crimson; buds long and pointed.

LADY GREENALL—Intense saffron orange, heavily zoned and overspread on deep creamy-white.

ROSES, FINE ASSORTMENT—Continued

- LA MARQUE**—Pure white buds, open flowers tinged light canary-yellow; large and full; a grand climber.
- LIBERTY**—Vivid scarlet, sweetly perfumed.
- MADAME HOSTE**—Canary-yellow; free in bloom.
- MADAME A. CHATENAY**—Rosy carmine, tinted carmine.
- MELODY**—Buds are of beautiful formation, long pointed; color, pure deep canary yellow.
- MAHARAJA**—Single scarlet; yellow stamens.
- MRS. A. TATE**—Coppery-yellow.
- MR. P. WILDER**—Dark crimson.
- MRS. JOHN LAING**—Beautiful clear pink.
- MARIE VAN HOUTTE**—Yellow, edged pink.
- MINNEHAHA**—Red, white eye; flowers in clusters in great profusion.
- MILDRED GRANT**—Petals shaded and bordered pink; of enormous size.
- MRS. MYLES KENNEDY**—Delicate silvery white shaded buff, while the center is pink.
- MRS. THEO. ROOSEVELT**—Flesh pink, outer petals creamy white.
- MRS. W. CHRISTIE MILLER**—Rosy carmine; outer petals pearly blush; buds and flowers very large.
- MAMAN COCHET PINK**—Deep pink; buds long and pointed, of great substance; a continuous bloomer.
- MAMAN COCHET WHITE**—Buds faintly suffused with pink on outside petals; foliage glossy.
- MAMAN COCHET YELLOW**—Like the other "Cochets," very large and continuously in blossom.
- MARECHAL NIEL**—Beautiful deep yellow and of globular form. A good pillar rose.
- MOSS ROSES**—Red, White, Pink.
- PAPA GONTIER**—Bright cherry red, passing to rich glowing crimson; petals shaded with yellow.
- PAUL NEYRON**—Clear pink; one of the largest roses grown.
- PERLE D'OR**—Saffron yellow; very beautiful.

- PERLE DES JARDINS**—Fine straw yellow; sometimes deep canary yellow; very large and full.
- PRINCE CAMILE DE ROHAN**—Rich, dark, velvety crimson, changing to scarlet maroon; full and double.
- RAINBOW**—Deep coral pink, beautifully striped and mottled with intense glowing crimson.
- REVE D'OR (Climbing Safrano)**—Deep yellow, sometimes coppery-yellow or rosy buff.
- RICHMOND**—Scarlet; very vivid shade; flowers very freely and for a long period.
- RHEA REID**—Crimson-scarlet; very free in bloom; excellent.
- THOUSAND FLOWERS**—This palyanthus rose is a most charming variety; its delicately colored pink flowers are most attractive; makes an excellent porch or pillar plant.
- SOUV. DE PRES. CARNOT**—Flesh color; very free in bloom.
- SUNSET**—Color, rich saffron and orange.
- ULRICH BRUNER**—Bright, clear red; a profuse bloomer and hardy grower.
- WILLIAM ALLEN RICHARDSON**—Fine orange yellow, apricot center; a beautiful climber.

STANDARD ROSES

We can supply the following roses in standard or tree form; that is, they are budded on single stems, four to four and one-half feet from the ground. \$2.00 each.

| | |
|-------------------------|------------------------|
| BELLE SIEBRECHT | LYON |
| F. K. DRUSCHKI | MRS. A. WARD |
| IRISH ELEGANCE | MAD. C. TESTOUT |
| IRISH FIREFLAME | OPHELIA |
| GENEREL McARTHUR | PAPA GONTIER |
| K. A. VICTORIA | SUNBURST |
| LOS ANGELES | ULRICH BRUNER |

If we can substitute please let us know; this is especially necessary, when orders come late in the season.

HARDY EVERGREEN TREES

Potted plants are taken from pots when shipped.

ACACIA

For quick growth and shade-affording purposes we know of no better tree. We offer the following varieties, all pot-grown.

- ARMATA, "Prickly Acacia."** Flowers in great profusion; deep orange-yellow. 2½ feet, 50c each.
- BAILEYANA.** One of the most ornamental; foliage beautiful sea-green; flowers yellow, ball-shaped; very profuse in bloom. 3 feet, \$1.00 each.
- CULTRIFORMIS.** Foliage of this variety is triangular in form; color beautiful sea-green; profuse in bloom; of medium sized spreading growth. 24 inches, 50c each; 5 feet, \$1.00 each.
- CYANOPHYLLA (Blue-Leaved Wattle).** Flowers yellow, leaves very large; glaucous green. 3 to 4 feet, 60c each; \$5.00 per 10.
- CYCLOPS.** 4 feet, 60c each.
- DEALBATA (Mollissima).** One of the finest of the feathery foliaged, yellow flowering sorts. 18 to 24 inches, 50c each; 3 to 4 feet, \$1.00 each.
- LATIFOLIA.** This variety is much used for windbreaks; it is excellent for sidewalk planting, as it can be trimmed to any desired shape. 3 to 4 feet, 60c each; 5 to 6 feet, \$1.00 each.
- MELANOXYLON (Blackwood Tree).** A splendid sort for sidewalk planting; of very quick growth. 3½ feet, 40c each; 4 to 4½ feet, 60c each; 5 to 6 feet, 80c each.
- RETINOIDES FLORABUNDA.** Pendulous habit; sea-green foliage; very floriferous and sweet perfumed. 3 to 4 feet, 40c each; \$3.50 per 10; 5 feet, 70c each; \$6.00 per 10.
- ARAUCARIA BIDWELLI.** A magnificent variety, of most symmetrical growth; make grand lawn specimens. 1½ feet, \$1.50 each.

ARAUCARIA, IMBRICATA (Chill Pine, or Monkey Tree). A fine tree, of regular pyramidal form; leaves bright green, broad, thick, pointed, overlapping each other. Balled, 2½ feet, \$3.00 each; 4 feet, \$5.00 each.

CALIFORNIA BIG TREE (Sequoia Gigantea). 4-inch pots, 50c each; \$4.00 per 10.

CALIFORNIA PRIVET. See Ligustrum Ovalifolium.

CALIFORNIA REDWOOD. See Redwood.

CAMPHOR TREE. A fast-growing, very symmetrical, ornamental tree, thriving in the very poorest soil. Well adapted for lawn purposes. Pot grown, 3 feet, \$1.00 each.

CALIFORNIA WILD CHERRY. Beautiful glossy foliage; berries black. 4-inch pots, 60c each.

CASUARINA STRICTA. 3-inch pots, 20c each; \$1.50 per 10; \$12.50 per 100. 4-inch pots, 35c each; \$3.00 per 10. 5-inch pots, 3 to 3½ feet, 75c each. Balled, 2½ to 3 feet, 80c each.

CEDRUS DEODARA, Indian or Himalayan Cedar. One of the handsomest of coniferous trees. Balled, 3 feet, \$3.00 each; 4 feet, \$4.00 each.

CYPRESS

CALLESTRIS ROBUS, "Cypress Pine." A very handsome species; foliage feathery, graceful and of pendulous habit. 5-inch pots, 3 to 3½ feet, 80c each.

FUNEBSIS. Foliage delicate and graceful, of pendulous habit. Balled, 1½ feet, 80c each; 3 feet, \$2.00 each.

LAWSON SILVER. It is of rather upright growth; the branches droop gracefully, and the foliage is of a lovely sea-green color. Balled, 3½ feet, \$3.50 each; 1½ feet, \$1.00 each.

HARDY EVERGREEN TREES—Continued.



Cedrus Deodora.

MONTEREY. A native of California, and one of the most desirable of evergreens; stands pruning well; very extensively planted for hedges. Transplanted in flats, \$3.00 per flat. Pot grown, 12 to 15 inches, 25c each; \$2.00 per 10; \$18.00 per 100. 3 to 3½ feet, 50c each; \$4.00 per 10. 4 to 5 feet, 75c each; \$7.00 per 10. Balled, 5 to 6 feet, \$1.50 each.

ITALIAN. Of upright, pyramidal growth; very much used in landscaping, being particularly adapted for such work. Balled, 5 feet, \$4.00 each; 6 feet, \$5.00 each.

CRYPTOMERIA JAPONICA. A large-growing evergreen; handsome. Pot grown, 3 feet, \$1.00 each.

CRYPTOMERIA ELEGANS. Foliage smaller and more graceful than the preceding. Pot grown, 3 to 3½ feet, 75c each.

EDWARDSIA. Foliage delicate, flowers yellow. 5-inch pots, 3 to 4 feet, 75c each.

EUCALYPTUS

FICIFOLIA, Scarlet-flowering Gum. A beautiful sort; bearing lovely scarlet flowers, thick leathery leaves; hardy only in warmer sections. Pot grown, 12 to 15 inches, 60c each.

GLOBULUS, Tasmanian Blue Gum. Transplanted in flats, \$3.00 per 100; pot grown, 1½ feet, 20c each; \$1.50 per 10. 2 to 3 feet, 30c each; \$2.50 per 10; \$22.50 per 100. 3 to 4 feet, 40c each; \$3.50 per 10.

ROSTRATA, Red Gum. Pot grown, 2½ to 3 feet, 30c each; \$2.50 per 10.

RUDIS. Pot grown, 2½ to 3 feet, 30c each; \$2.50 per 10.

TERETICORNIS, Forest Red Gum. Pot grown, 2½ to 3 feet, 30c each; \$2.50 per 10.

GREVILLEA ROBUSTA, Australian Silk Oak. A most beautiful Australian tree; feathery foliage; orange-yellow blossoms. 4-inch pots, 50c; 5-inch pots, 4 feet, 60c each; 6-inch pots, 5 feet, 75c each.

HOLLY, ENGLISH. Balled, 4 feet, \$5.00 each.

LAUREL, PORTUGAL. A handsome shrub; foliage dark-green; long panicle pure white flowers. Strong balled, 18 inches, \$1.00 each; 20 inches, \$1.50 each.

LAUREL, ENGLISH. 5-inch pots, 75c each.

LIGUSTRUM. See Privet.

LOQUAT. 4-inch pots, 50c each.

MAGNOLIA GRANDIFLORA EXONIENSIS. A very well-known handsome tree; leaves large and leathery; flowers very large, pure white; very sweet. Balled, 3 to 4 feet, \$3.50 each.

PINE BHOTAN. Lovely sort. Balled, 4 to 5 feet, \$2.50 each.

PINE, MONTEREY. Transplanted in flats, \$3.00 per flat. 3-inch pots, 15c each; \$1.25 per 10; \$10.00 per 100. 4-inch pots, 15 to 18 inches, 35c each; \$3.00 per 10. 5-inch pots, 3 feet, 50c each; \$4.00 per 10; 4 feet, 75c each; \$7.00 per 10.

PITTIOSPORUM, TOBIRA. Balled, 1½ to 2 feet, 80c; 2½ feet, \$1.25 each.

PITTIOSPORUM, UNDULATUM. Flowers white, sweetly scented. 4-inch pots, 12 to 15 inches, 25c each; \$2.00 per 10; 20 inches, 60c each; \$5.00 per 10. In flats (of about 100), \$5.00 per flat.

PITTIOSPORUM, CRASSIFOLIA. 5-inch pots, 50c each; \$4.00 per 10. Balled, 15 to 18 inches, 60c each.

PITTIOSPORUM EUGENOIDES. A large, upright-growing shrub, with glossy, yellowish green leaves; a very effective shrub and excellent for hedges. 3-inch pots, 12 inches, 25c each; \$1.75 per 10; 20 to 24 inches, 50c each; \$4.00 per 10. Balled, 2 to 2½ feet, \$1.00 each. Transplanted in flats, \$6.00 per flat.

PITTIOSPORUM, NIGRICANS. A very handsome, upright-growing shrub, with silvery light green leaves and black stems. 3-inch pots, 20c each; \$1.75 per 10. 4-inch pots, 1½ feet, 35c each; \$2.50 per 10; \$22.50 per 100. In flats, \$6.00 per flat.

PRIVET ELEGANTISSIMA AUREA. A variety with beautiful golden foliage. 3-inch pots, 25c each; \$2.00 per 10. 4-inch pots, 35c each; \$3.00 per 10. Balled, 15 to 18 inches, 50c each.

PRIVET JAPONICUM, Japanese Privet. Leaves glossy, leathery, dark green. A large-growing shrub (or small tree). Balled, 2 to 2½ feet, 75c each. Pot grown, 3 to 3½ feet, 90c each.

PRIVET OVOLIUM (California Privet). A valuable hedge plant. Naked roots, 1½ feet, 20c each; \$1.50 per 10; \$12.50 per 100.

PEPPER TREE. 1½ feet, 35c each; \$3.00 per 10. 3 feet, 60c each.

REDWOOD, CALIFORNIA. 2½ to 3 feet, 50c each.

SPRUCE, PARRYANA GLAUCA. Balled, 2½ to 3 feet, \$2.50 each.

SPRUCE, NORWAY. 4½ feet, \$6.00 each.

SPRUCE, MENZIES. Balled, 2½ feet, \$1.50 each.

HARDY EVERGREEN AND DECIDUOUS SHRUBS

Those Plants with a Star before the names are deciduous.

AZARA MICROPYLLA. Flowers yellow, small, glossy foliage. 50c each.

ARBUTUS UNEDO, "Strawberry Tree." 2½ feet, \$1.00 each.

ABELIA GRANDIFLORA. A very showy evergreen shrub, producing its white flowers in great profusion for a long period. 4 and 5-inch pots, 50c and \$1.00 each.

AUCUBA JAPONICA. "Gold-dust tree." Very fine for shady places. 6-inch pots, \$1.00 each.

AUCUBA VIRDIS. Dark green foliage; produces very showy red berries. 5-inch pots, 60c each.

AZALEA HINODIGERI. Flowers scarlet; fine for outside planting. \$1.50 each.

BERBERIS STENOPHYLLA. Extremely handsome and showy. 5-inch pots, 1 to 1½ feet, \$1.25 each; \$10.00 per 10.

BERBERIS DARWINII. A very handsome evergreen shrub, with small glossy foliage; flowers in clusters of a deep yellow. 4-inch pots, 60c each.

BOX, DWARF, Suffruticosa. A fine small bush, with glossy, roundish leaves. The variety so extensively used for edging. Strong, well rooted. \$6.00 per 100.

BOX, GOLDEN EDGED. 4-inch pots, 40c each; \$3.50 per 10.

BROOM, SPANISH. 2½ feet, 40c each; 5-inch pots, 60c each.

CAROB TREE. St. John's Bread. 4 to 5 feet, \$2.00 each.

CASSIA TOMENTOSA. 5-inch pots, 2½ feet, 50c each.

HARDY EVERGREEN AND DECIDUOUS SHRUBS—Continued.

CHOISYA TERNATA. "Mexican Orange." A medium-sized growing shrub with glossy foliage; flowers pure white; delightfully fragrant. 4-inch pots, 75c each.

COPROSMA BAUERIANA. Foliage of this lovely shrub as though varnished, succeeds well in windy, exposed situations. 4-inch pots, 60c each; 5-inch pots, 75c each.

COPROSMA BAUERIANA VARIEGATA. A beautiful variegated form of the preceding. 5-inch pots, \$1.00 each.

COTONEASTER HORIZONTALIS. A beautiful variety, of low-spreading growth; berries very profuse. 5-inch pots, 80c each.

COTONEASTER ANGUSTIFOLIA. A fast-growing sort of upright and spreading habit; berries very freely; orange colored. 3-inch pots, 35c each; 4-inch pots, 50c each; \$4.00 per 10. Balled, 18 to 24 inches, \$1.00 to \$1.50.

COTONEASTER NEPAULENSIS. This shrub is much esteemed; of fairly rapid, upright growth; foliage medium; berries bright red; very pleasing. Balled, 2½ feet, 80c each.

COTONEASTER MICROPHYLLA. A small-leaved variety of low, spreading habit; much used in making up shrubbery; berries red. 4-inch pots, 60c each; \$5.00 per 10.

COTONEASTER FRANCHETTI. Orange-colored berries. 5-inch pots, 2½ feet, \$1.00 each.

COTONEASTER PANOSA. Upright growth; branches long and slender; foliage green on upper side, silvery under side; rapid grower; berries borne in great profusion. Vermillion red. 4-inch pots, 12 to 15 inches, 35c each; \$3.00 per 10; 18 to 24 inches, 65c each; \$6.00 per 10.

COTONEASTER GUENINSIS. 75c each.

CRATAEGUS CRENULATA. An evergreen species of the Hawthorn family. Is of dwarfish habit, with glossy foliage, and has berries of a bright scarlet color about the size of a pea. 6-inch pots, 75c each. Balled, 18 inches, \$1.00 each; 2 feet, \$1.50 each.

CRATAEGUS LELANDII. Berries orange colored. 4-inch pots, 2 feet, 80c each.

DIOSMA, ALBA (Breath of Heaven). This shrub never attains large proportions. It produces small, white star-shaped flowers in great numbers. The foliage, when bruised, emits a sweet fragrance. 6-inch pots, 80c each; \$7.50 per 10. Balled, 1 foot, 80c each.

***DEUTZIA GRACILIS.** Flowers white, very beautiful shrub. 1 to 1½ feet, 65c each.

ERICA MELANTHERA. Splendid winter blooming variety; flowers rose colored. 5-inch pots, 60c each; 2 feet, \$1.50 each.

ERICA FERSOLUTA ALBA. Flowers white. 5-inch pots, 80c each.

ERICA STRICTA. Pink flowers. 3-inch pots, 35c each.

ESCALLONIA, RED. 6-inch pots, 15 to 18 inches, 80c each.

ESCALLONIA MONTEVEDENSIS. Flowers pure white; very fine. 4-inch pots, 35c each.

ESCALLONIA, PINK. Hardy, quick-growing evergreen shrub; blooms continuously. 5-inch pots, 80c each. Balled, 3½ feet, 75c each.

ESCALLONIA, WHITE. 5-inch pots, 15 to 18 inches, 80c each.

EUGENIA MYRTIFOLIA. Blooms profusely; flowers creamy white; berries purple; foliage ruddy in new growth. 5-inch pots, 80c each.

EUGENIA UGNI. Chilean Guava. 6-inch pot, \$1.00 each.

EUONYMUS DUC D'ANJOU. Foliage prettily marked, golden yellow in center of leaf. 5-inch pots, 60c each.

EUONYMUS PULCHELLUS. Dwarf habit, fine for hedges. 6-inch pots, 75c each.

EUONYMUS, SILVER. 5-inch pots, 60c each.

GENISTA RACEMOSUS. This variety produces very lovely yellow blossoms in great profusion; foliage lace-like; of dwarf habit. 4-inch pots, 60c each.

GENISTA CANARIENSIS. Flowers yellow, of rapid growth. 4-inch pots, 2 to 2½ feet, 60c each; \$5.00 per 10.

HAKEA SALIGNA. Medium-sized shrub; long slender foliage, with small clusters white flowers. 5-inch pots, 2 to 2½ feet, 60c each.

HEATH, MEDITERRANEAN. This variety is most desirable; it produces its small wax-like flowers in wonderful profusion. 4-inch pots, 40c each.

HYDRANGEA HORTENSIS. This plant is a most satisfactory one, blooming as it does for such a long period; they succeed admirably when planted in a shady place in the garden. 35c, 50c and \$1.00 each, according to size.

HYPERICUM FLORABUNDA. A taller growing variety; flowers yellow, smaller than those of the two following sorts; very floriferous. 5-inch pots, 2½ feet, 60c each.

HYPERICUM MOSERIANUM. Of more shrubby growth than the preceding; flowers single yellow. Balled, \$1.00 each.

HYPERICUM ST. JOHNS WORT. Of low spreading habit, producing large single, deep yellow flowers in great profusion and for a long period; fine for covering banks or planting below trees. 30c each; \$2.50 per 10.

HYPERICUM HENGII. 75c each.

***KERRIA JAPONICA.** Bears ball-shaped double yellow flowers in great profusion during a long period. 2 to 3 feet, 75c each.

LAURUSTINUS. A well-known winter flowering shrub of great beauty, producing an abundance of white flowers; well adapted for hedges. 5-inch pots, 60c each; \$5.00 per 10.

LAURUSTINUS, GOLDEN VARIEGATED. 4-inch pots, 50c each.

***LEMON VERBENA.** The fragrance from the foliage of this old favorite is delightfully refreshing. 5-inch pots, 60c each.

LEPTOSPERNUM LAEVIGATUM. An evergreen shrub much used in Golden Gate Park, where it succeeds to perfection. Especially adapted for windy places. 3-inch pots, 20c each; \$1.50 per 10; 5-inch pots, 3 to 4 feet, 75c each.

***LILAC, PURPLE AND RED.** 3 to 4 feet, \$1.00 each.

LONICERA NITIDA. A handsome evergreen plant of very compact growth; leaves small, closely set on branches, glistening green in summer, bronzy during winter. 4-inch pots, 35c each; \$3.00 per 10. 5-inch pots, 60c each. 6-inch pots, 75c each. Balled, 18 to 24 inches, 75c each.

MELALEUCA AMULARIS. Beautiful feathery foliage. 5-inch pots, 60c each.

MELALEUCA NESOPHILA. Quick-growing evergreen shrub; flowers pink in terminal round heads. 5-inch pots, 50c each; \$4.00 per 10.

MELALEUCA SPECIOSA. 5-inch pots, 75c each.

MELALEUCA WILSONII. Foliage soft; new growth ruddy; very handsome. 5-inch pots, 50c each; \$4.00 per 10.

***MOCK ORANGE.** 3 to 4 feet, 80c each.

MYRTLE. Single white. 5-inch pots, 50c each. Balled, 15 to 18 inches, \$1.00 each.

MYRTLE. Narrow Leaved. 4-inch pots, 40c each. Balled, 1 foot, 60c each.

OLEANDER, DOUBLE PINK. Pot-grown; 1½ feet, 75c each.

OLEANDER, SINGLE WHITE. 4-inch pots, 50c each; \$4.00 per 10.

POLYGALA DALMATIANA. A profuse flowering shrub, with purple pea-blossom-shaped flowers, and pretty light green foliage. 4-inch pots, 75c each.

***POMEGRANATE, DOUBLE SCARLET.** 3 to 4 feet, \$1.00 each.

***QUINCE (Japanese Scarlet-Flowering).** 1½ to 2 feet, 70c each.

RAPHIOLEPIS OVATA. 4-inch pot, 50c each; 5-inch pots, 3 to 3½ feet, 80c each; \$7.00 per 10.

***SNOWBALL.** This well-known shrub is known to nearly everyone; white flowers in greatest profusion in May and June. 1½ to 2 feet, 80c each.

***SPIRAEA PRUNIFOLIA.** "Bridal Wreath." 2 to 3 feet, 75c each.

***SPIRAEA A. WATERER.** Crimson flowers. 2 to 3 feet, 75c each.

***TAMARIX.** 4-inch pots, 50c each.

VERONICA DECUSATA. Of dwarf habit; leaves closely set together; flowers large violet blue. 5-inch pots, 15 to 18 inches, 75c each; \$7.00 per 10. Balled, 1 foot, \$1.00 each.

VERONICA IMPERIALIS. The finest of the species. Flowers amaranth. 4-inch pots, 35c each. 5-inch pots, 15 inches, 65c each. Balled, 1 foot, 80c each.

VERONICA VARIEGATED. 4-inch pots, 35c each; \$3.50 per 10. 6-inch pots, 75c each.

VERONICA, LIGHT BLUE. 6-inch pots, 80c each.

VERONICA BUXIFOLIA. 4-inch pots, 35c each; \$3.00 per 10.

***WEIGILEA ROSEA.** Much esteemed shrubs; producing lovely trumpet-shaped pink flowers. 3 to 4 feet, \$1.00 each.

PALMS, DRACAENAS

* Marked thus are for indoor, conservatory decoration, or warmer sections only.



California Fan Palm and Phoenix Canariensis

- AGAVE, AMERICAN.** 6-inch pots, 75c each.
- AGAVE, AMERICAN VARIEGATED.** 5-inch pots, 75c each. Larger, \$1.00 and \$1.50 each.
- BAMBOO FALCATA.** Of medium sized growth; foliage bright green. \$1.50 per clump.
- BRAHEA EDULIS.** It has very large fan-shaped leaves of bright green color; is never affected by heat or cold. 1½ feet, \$1.00 each; 2 feet, \$2.50 each.
- CALIFORNIA FAN PALM.** See Washingtonia.

CHAMAEROPSIS EXCELSA (Japanese Fan Palm). One of the hardest of the Fan Palms. Pot grown, 2 feet, 75c each. Balled, 2½ feet, \$2.00; boxed, 2½ feet, \$2.50 each.

CHAMAEROPS HUMILIS, Dwarf Fan Palm. Dwarf, hardy Palm. Leaves very small with spiny stalks, segments rigid and double-pointed. A very useful Palm for a small lawn. Fine for tub culture. Handsome and requires but little space. 7-inch pots, \$1.50 each.

COCOS AUSTRALIS. A magnificent, hardy palm of slow growth; excellent for lawn or porch decoration. The growth is more after the style of a Phoenix or Date Palm. The foliage is gray-green in color. 2 to 2½ feet, \$2.50 each.

***CYCAS REVOLUTA.** The well-known Sago Palm, so much in demand for inside decoration. \$3.00 and \$3.50, according to size.

DRACAENA INDIVISA. A fine plant for outdoor planting in California, and much in use for lawns, avenues and parks. 5-inch pots, 50c each; \$4.00 per 10. Balled, 2 feet, 75c each; 2½ feet, \$1.00 each; 3 feet, \$1.50 each.

***KENTIA BELMOREANA.** This fine palm is a valuable addition to our collection. Its leaves are pinnate, dark green and so beautifully crisp as to gain for it the name of 'Curly Palm.' 5-inch pots, \$2.50.

***KENTIA FOSTERIANA.** One of the finest of the Kentias, with graceful, light green foliage. 5-inch pots, \$2.50.

PAMPAS GRASS. 75c each.

PHOENIX CANARIENSIS (The Canary Island Date). 5-inch pots, 80c each. Balled, 1½ feet, \$1.50 each; 2½ feet, \$2.50 each.

WASHINGTONIA SONOREA. Balled, 1½ feet, \$1.00 each.

WASHINGTONIA ROBUSTA. One of the most beautiful of our native palms; leaves fan-shaped. Balled, 2½ feet, \$1.50 each; 3½ feet, \$2.00.

Madison, Cal., April, 1920.

Please accept thanks, and appreciation, for the nice plants sent us and the courteous treatment. F. G. B.

Shanghai, China, Feb., 1920.

Roses sent by you reached me safely, in good condition, even after their long journey, the moss was still damp. H. B. M.

Hankow, China, April, 1920.

The roses arrived and seem to be all right, most of them showing leaf buds. F. L. B.

Moji, Japan, May, 1920.

I received this morning the parcels of roses, they were 50 days in transit, and out of the 54 sent, only one was dead. H. N.

Shanghai, China, June, 1920.

Every rose bush grew, and a number have had beautiful flowers; the Logan berries and one fig tree are all that died. J. R. H.

DECIDUOUS ORNAMENTAL AND AVENUE TREES

- APPLE FLOWERING. BETCHELLS, DOUBLE LIGHT PINK.** 3 to 4 feet, \$1.25 each.
- BIRCH, EUROPEAN WHITE.** A very graceful tree, with silvery bark, as it attains age. 6 to 8 feet, \$1.50 each.
- BIRCH, CUT-LEAVED WEEPING.** A charming tree with deeply lacinated foliage. 8 to 9 feet, \$2.50 each.
- CERCIS CANADIENSIS.** "Red Bud." 4 to 5 feet, \$1.25 each.
- HAWTHORNE.** Paul's Double Scarlet. 5 to 6 feet, \$1.25 each.
- LABURNUM.** A beautiful medium sized growing tree, producing long, drooping racemes of fragrant yellow flowers. 4 to 5 feet, \$1.00 each.
- MAPLE, SILVER, OR SOFT.** A rapid-growing tree; foliage bright green above, silvery beneath. 6 to 8 feet, \$1.00 each.
- MOUNTAIN ASH.** 6 to 8 feet, \$1.25 each.

PLUM, PURPLE-LEAVED. 4 to 6 feet, \$1.25 each.

POPLAR, LOMBARDY. A very rapid, erect growing tree, with a tall, spiry form and particularly striking and picturesque. 6 to 8 feet, 80c each.

PEACH, DOUBLE FLOWERING. Red, Pink and White. Separate colors. 4 to 6 feet, \$1.25 each.

SYCAMORE, EUROPEAN. This variety is much in demand for sidewalk planting. 6 to 8 feet, \$1.25 each.

TEXAS UMBRELLA TREE. 5 to 6 feet, \$1.25 each.

WALNUT, CALIFORNIA BLACK. One of the best shade trees for California; of rapid growth. 3 to 4 feet, 60c each.

WILLOW, BABYLONIAN. A rapid growing tree with drooping branches, leaves long and narrow; a well-known variety. 6 to 8 feet, \$1.25 each.

PELARGONIUMS

LADY WASHINGTON GERANIUM

Price 3-inch pots, 30c each; \$3.00 per 12. Ready March.

- C. HOLSMAN**—Scarlet, center light, black pencillings.
DUCHESS OF TECK—Semi-double white, very fine.
DUCHESS OF WESTMINSTER—Pink and white with crimson blotches.
F. H. HOWARD—Deep red, black blotches.
LORD CLYDE—White shaded to purple, crimson blotches.
LUCY BECKER—Lavender, rosy pink; dark blotches.

- LONDON**—Orange-scarlet.
MISS SANDERS—Pure white, with the two upper petals blotched crimson.
MORNING STAR—Light blue; upper petals blotched magenta red.
PETER HOSER—Fiery brick-red, with dark blotches on each petal; very fine.
S. ILLA—Salmon-rose; dark blotches.

CLIMBING AND TRAILING PLANTS

- AMPELOPSIS ENGELMANNI**. Shorter jointed than quinquefolia. Strong grower. 35c each.
AMPELOPSIS EVERGREEN. This variety clings like the Boston Ivy, but is an evergreen. 60c each.
AMPELOPSIS QUINQUEFOLIA (Virginia Creeper). The leaves are palmate, handsome and luxuriant, assuming in autumn a gorgeous bronzy hue. 75c each; \$6.50 per 10.
AMPELOPSIS VEITCHII (Boston or Japan Ivy). This variety clings closely without any assistance to a stone wall or brick flue, or a wooden surface. 60c each.
AUSTRALIAN PEA VINE. This lovely fast-growing climber we can recommend to those desiring a rapid grower. The flowers are pea-shaped, pink and produced in great luxuriance. 25c and 35c each.
BOSTON IVY. See Ampelopsis Veitchii.
BOUGAINVILLEA BRAZILIENSIS. Have peculiarly shaped flowers, somewhat resembling the leaves in shape, the color being of a rosy lake, and produced along the branches in wonderful profusion. 75c and \$1.00 each.
BIGNONIA GRANDIFLORA (Trumpet Vine). Rapid-growing climber, bearing large orange-yellow trumpet-shaped flowers in great profusion. \$1.00 each.
CLEMATIS MONTANA. Medium sized white flowers; very floriferous. 6-inch pots, \$1.00 each.
EUONYMUS RADICANS, VARIEGATA. Extremely handsome plant for parkings. 4-inch pots, 65c each; \$6.00 per 10.
FICUS REPENS. A very pretty, useful climber; clings to stone, brick or wood; like the Boston Ivy. Evergreen. 35c and 50c each.
FICUS NITIDA. Leaves much smaller than preceding. 60c each.
HOP ROOTS. 10c each; 50c per 10.
HONEYSUCKLE, CHINESE. Rosy white; very sweetly scented. 35c and 50c each.
HONEYSUCKLE, HALLEANA. A strong, vigorous, almost evergreen sort, with pure white flowers, changing to yellow; very fragrant; a long and continuous bloomer. 35c and 50c each.
HONEYSUCKLE, ENGLISH WOODBINE. Very sweetly scented. 35c each.
HONEYSUCKLE. Gold netted. 35c and 50c each.
IVY, ENGLISH, LARGE-LEAVED. Leaves thick, shining, leathery. 4-inch pots, 25c each; \$2.00 per 10. 5-inch pots, 40c each; larger, 60c each.
IVY, ENGLISH, NARROW LEAVED. 60c each.
JASMINE AZORICUM. White, sweetly scented. 75c each.
JASMINE NUDIFLORUM. Fragrant yellow flowers in very early spring in great profusion. 50c and 75c each.
JASMINE OFFICINALIS. Single white flowers. 40c each.
JASMINE PRIMULINUM. Golden yellow; the blossoms are fully two inches in diameter, and in early spring-time the plant is one mass of blooms. 50c each.
LOTUS PELIORHYNCHUS. A dainty plant of creeping habit; foliage glaucous, lace-like; flowers scarlet. 25c and 35c each.
MUEHLENBRECKIA COMPLEXA (New Zealand Mattress Vine). This pretty, strong-growing climber and traller is very desirable for covering old stumps of trees, rockwork, etc. 40c each.

- PEA VINE, EVERLASTING**. This variety dies down in winter, but makes a wonderful growth during summer. 3-inch pots, 35c each.
PASSION VINE. Of rapid growth, and very attractive when covered with the large handsome flowers. Pink, 50c each. Scarlet, 35c and 75c each.
PLUMBAGO CAPENSIS. Flowers light sky-blue, verbenashaped. 60c each.
SOLANUM JASMINOIDES GRANDIFLORA. A most beautiful climber. Its flowers are star-shaped, and borne in good-sized panicles or clusters. 35c and 50c each.
SOLLYA HETEROPHYLLA. Australian Bluebell. A rapid growing climber, producing beautiful blue flowers in clusters. 75c each.
SMILAX. 35c each.

THE WISTERIA

- Very hardy, growing in cold countries to perfection. We offer the following varieties. Strong plants. \$1.50 each.
CHINENSIS. Clusters about a foot long; flowers single, pale blue.
MULTIJUGA. Racemes long and slender; very dark blue; native of Japan.
MULTIJUGA ALBA. Bears long racemes of pure white flowers.
VINCA (Perewinkle). Flowers blue, fine for covering banks. 4-inch pots, 30c each; \$2.50 per 10; \$20.00 per 100.
VITIS CAPENSIS. "Evergreen Grape Vine." \$1.00 each.



New Zealand Mattress Vine

POTTED PLANTS AND FERNS

ADIANTUM HYBRIDUM. A strong growing "Maiden Hair" fern, of beautiful growth. Succeeds well in the house. 6-inch pans, 75c and \$1.00 each.

ADIANTUM CUNEATUM. 6-inch pans, 75c and \$1.00 each.

ARALIA SIEBOLDII. A handsome tropical-looking plant, with fig-shaped leaves; succeeds well in the house; or they can be planted outside; they are hardy. 60c each.

ASPARAGUS PLUMOSUS. The leaves are a bright green, are gracefully arched, and are as finely woven as the finest silken mesh. 60c and 75c each.

ASPARAGUS SPRENGERII. 6-inch pots, 80c; in hanging baskets, \$1.75 each.

ANTHERICUM VARIEGATUM. Foliage beautifully striped yellowish white; succeeds admirably in the window. 4-inch pots, 35c.

ASPIDISTRA LURIDA. The foliage is large, lily-like in appearance of a dark green color. It is of rugged constitution and will stand in locations that will kill most plants. 5-inch pots, \$1.50 each.

ASPLENIUM FALCATUM (Holly Fern). A favorite variety for house culture and also hardy. Fronds very dark green, glossy and beautiful. 5-inch pots, 60c each.

BIRD'S NEST FERN. Well known handsome house ferns. \$1.00 each.

ISOLEPSIS GRACILIS. 35c and 50c each.

LYCOPodium. "Mossy" foliage; very pretty. 4-inch pots, 30c each.

NEPHROLEPSIS BOSTONIENSES. The well-known Boston Fern, so universally admired. A very good house fern, succeeding where other sorts fail. \$1.50 to \$2.50 each, according to size.

NEPHROLEPSIS WHITMANII. Fronds beautifully plumed and crested; of most exquisite beauty; very desirable for house culture and a variety that we can recommend. \$1.50 to \$2.50 each, according to size.

OPHIOGNON VARIEGATA. A very hardy house plant. 6-inch pots, 75c each.

UMBRELLA PLANTS. 5-inch pots, 60c each.

HARDY FERNS

Suitable for planting under pergolas, shady side of houses and under trees.

ADIANTUM PEDATUM. "Five fingered fern." 4-inch pot, 60c ea.

HAWAIIAN BRAKE. 4-inch pot plants, 60c each.

LASTREA CHRYSOLOBA. 4-inch pot, 60c each.

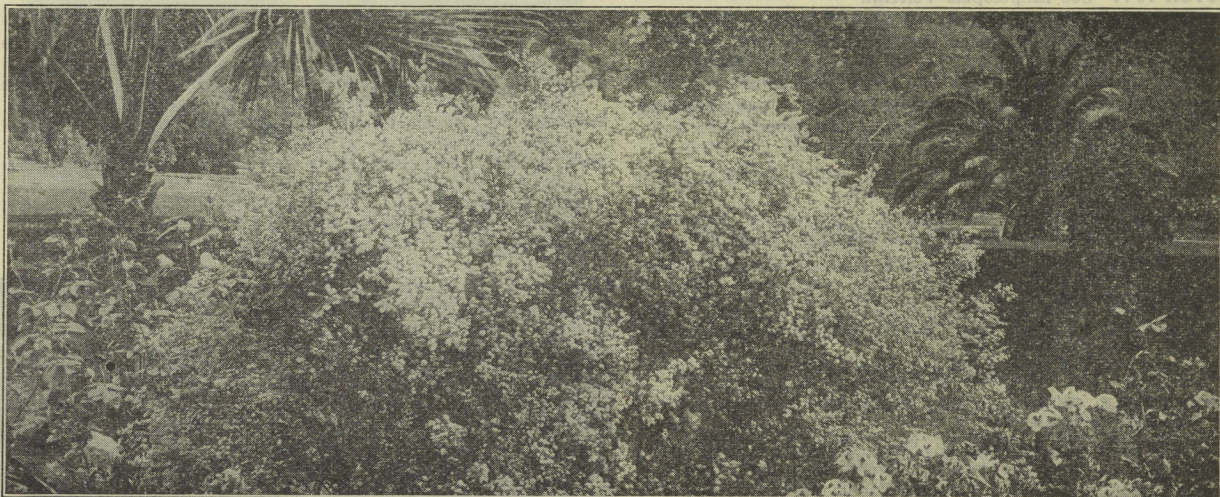
LASTREA PSEUDOMAS. 4-inch pots, 60c each.

NEPHROLEPSIS TUBEROSUM. 4-inch pot, 60c each.

POLYSTICHUM CORIACUM. 4-inch pots, 60c each.

POLYSTICHUM SETOSUM. "Lace Fern." 4-inch pot, 60c each.

WOODWARDIA. Produces fronds three to four feet. 60c each.



Diosma in Foreground.

CARNATIONS

3-inch pot plants, 20c each; \$2.00 per doz. Ready February.

BELLE WASHBURN. Deep red.

BENORA. White; streaked and splashed pink.

LADDIE. Red.

MATCHLESS. Pure white, of excellent form; long stemmed and free flowering; petals fringed.

MRS. C. W. WARD. Deep pink.

NEBRASKAN. Red.

RUTH BAUER. Light pink.

VIOLETS

MARIE LOUISE. The well-known double light purple variety. 60c per dozen.

PRINCESS OF WALES. Very large flowers, violet blue; single, sweetly scented; stems long; very free in bloom. 60c per dozen.

FUCHSIAS

3-inch pots, 20c each; \$2.00 per dozen. 4-inch pots, 35c each; \$3.00 per dozen.

ABBE FARGES. Extremely double. Sepals very much reflexed. Corolla reddish violet. Giant in size.

"BABY" FUCHSIA. Very small, graceful flowers.

BLACK PRINCE. Purple; double.

DIAMANT. A grand double variety. Sepals clear rose; corolla rose and white.

EMILE LAURENT. A very free blooming variety. Sepals clear rose; corolla rose and white; double.

GEROLSTEIN. Sepals white; corolla bluish pink; single; tall grower.

PHENOMENAL. Large double purple.

PROCUMBENS. Small foliage; of creeping habit.

RICORTIANA. Very small flowers; a miniature variety.

STORM KING. Double white.

SPECIOSA. Salmon.

TORPILLEUR. Sepals intense red; giant double corolla. Color white, shaded rose. Extra fine; double.

Large Flowered Chrysanthemums

Ready about May 1st. 20c each, \$2.00 dozen.

A. S. BALDWIN. Lemon yellow; incurved.
BRIGHTHURST. Bronze.
COLONEL APPLETON. Golden yellow.
DAILY MAIL. Very deep yellow.
DR. ENQUEHARD. Clear pink.
F. S. VALLIS. Canary yellow.
HELEN LEE. Delicate flesh.
HARVARD. Dark crimson.
GLENVIEW. Chestnut brown.
MAJOR BONNAFON. Deep yellow.
MARIGOLD. Intense yellow.
NELLIE POCKETT. White, twisted petals.
NEVIUS. Pure white.
ODESSA. Bright yellow.
POCKETTS CRIMSON. Crimson, gold reverse.
PATTY. Delicate pink.
RICHMOND. Golden yellow.
ROMAN GOLD. Intense yellow.
SILVER QUEEN. Silvery white.
TINTS OF GOLD. Bright bronze.
TIMOTHY EATON. Large ivory white.
WHITE TURNER.
WELLS LATE. Pink.
YELLOW TURNER.

POMPON CHRYSANTHEMUMS

These miniature chrysanthemums bear their flowers very freely.

CRAWFORDII. Orange-bronze.
FAIRY QUEEN. Pink.
L'LIAN DOTY. Light pink.
RED CAP. Red and brown.

FLOWERING AND BEDDING PLANTS

ABUTILON Flowering Maple. 25c and 35c each.
AGROSTEMMA CORONARIA. Rose of Heaven. Produces bright-colored flowers on long, slender stems, like a single pink; fine for cutting. 30c each; \$3.00 per 12.
ANCHUSA ITALICA. Flowers intense blue. Very fine perennial. Pot grown, 20c each; \$2.00 per dozen.
ANEMONE JAPONICA. "Japanese Wind Flower." White and Pink. 35c each; \$3.00 per dozen.
ASTER GOLIATH. Michaelmas Daisy. Grows 2 to 5 feet tall; flowers beautiful lilac, with golden disk. 30c each; \$3.00 per 12.
ASTER, SEMPLE'S NEW BRANCHING. Crimson, lavender, pink and white. Ready about April 15th. 35c per 12.
AQUILEGIA. Columbine. These well-known perennials should be in every collection; the great profusion of bloom and their exquisite blossoms are certainly very beautiful. We have a strain of the very best colors to offer. From flats, \$1.00 per dozen.
BEGONIA VERNON. Dark pink, foliage bronzy in sun. 60c per 12; \$6.00 per 100.
BUDDLEA VARIABALIS. "Butterfly Plant." Flowers lilac, borne profusely in long spikes; very fragrant; continuous bloomer. 5-inch pots, 60c each.
CESTRUM. Flowers blue; dies down every winter and starts away in spring. Very showy. 35c each.
CINERARIA. As a winter blooming plant for house culture, or for use for bedding under the shade of large trees, these are invaluable. We offer a fine strain. Pot grown, 15c and 25c each.
CENTAUREA CANDIDISSIMA. A pretty border plant; silvery white foliage. 4-inch pots, 30c each.
CALCEOLARIA YELLOW. A splendid bedding or border plant; produces its showy yellow flowers for a very long period. 10c each; \$1.00 per dozen.
CALCEOLARIA RUGOSA. This sort produces flowers of a browning-red color; grows taller than the preceding. 15c each; \$1.50 per 12.
COREOPSIS LANCEOLATA. The flowers, which are yellow, are of graceful form, are invaluable for cutting for decorative purposes. 75c per 12.

GERANIUMS

Price of plants from 3-inch pots, 15c each; \$1.50 per dozen.

BELLE POITEVINE. Large handsome trusses of salmon-colored flowers.
JEAN VIAUD. Soft, pure pink, with two white blotches; dwarf-stocky grower, rigid stems, large trusses, perfect florets; semi-double.
CERISE. Rose, suffused orange; large, of perfect shape and very free in bloom; single.
GERTRUDE PEARSON. Rosy pink, white eye; one of the best; single.
MRS. GLADSTONE. Very pale pink; single.
NEWSOM. A beautiful single scarlet, shading to red; immense trusses and very free flowering.
SINGLE WHITE.
S. A. NUTT. The very best of the double dark crimson scarlets.
THE CLYDE. An immense single scarlet; trusses very fine. Extra strong grower.
THE SWAN. A grand double white variety, constantly in bloom.

IVY LEAF GERANIUMS

Are indispensable for covering banks, fences, etc. They are almost continuously in bloom, and require very little water.

CHARLES TURNER. The color is a bright pink, quite double. Very useful for window boxes and rockeries.
CHARLOS UHDE. A magnificent new variety, quite double; color rosy scarlet; grand for window boxes and banks; always in bloom.

COCOLOBA PLATYPHILA. An odd-looking plant, with jointed stems; bright green foliage; of quick growth. 5-inch pots, 50c each.
COSMOS. Crimson pink, white and yellow. Ready about April 15th. 35c per dozen.
DELPHINUM ELATIOR (Larkspur). Shade of flowers beautiful blue; spikes of very good size. 30c each; \$3.00 per 12.
DELPHINUM HYBRIDUM. All shades of dark and light blue. 30c each; \$3.00 per 12.
DIGITALIS. Fox Glove. Tall growing plants, throwing up very long spikes of lovely bell-shaped flowers, in great profusion; all colors. 10c each; \$1.00 per 12.
DAISIES. Double, all colors. 50c per 12.
ECHEVERIA (Hen and Chickens). 60c per 12.
ERIGERON SPECIOSUS. Midsummer Daisy. The single daisy-like flowers are mauve, with yellow center. 30c each; \$3.00 per 12.
GOLDEN FEATHER. (Feverfew). This plant is much used for making borders and beds; foliage yellow. 35c per 12; \$2.50 per 100.
GAILLARDIA GRANDIFLORA. Flowers bronze scarlet, bordered with golden yellow, three inches in diameter, produced on long stems. 75c per 12.
GAZANIA SPLENDENS. Produces masses of orange-yellow flowers in spring; beautiful for banks and borders. 50c per 12; \$2.50 per 100.
GEUM. MRS. BRADSHAW. Large scarlet flowers; a very showy perennial. 3-inch pots, 25c each; \$2.00 per 10.
GALEGA OFFICINALIS. Goat's Rue. Blue pea-shaped flowers, produced during summer and fall in great profusion; height 2½ feet. 30c each; \$3.00 per 10.
HEUCHERA SANGUINEA. Coral Gem. Produces dainty, beautiful pink flowers, on a stem of about 1½ feet high; always in bloom; fine for borders or massing in beds. 4-inch pots, 35c each; \$3.50 per 12.
HABROTHAMNUS ELEGANS. 4-inch pots, 35c each.
HELIOTROPE QUEEN. Very dark. 35c each.

FLOWERING AND BEDDING PLANTS—Continued

HELIOTROPE SAPPHIRE. Purple, white center. 35c each.

HOLLYHOCK. Fine selection. 60c per 12.

IRIS FOETIDISSIMA. This variety is beautiful when it produces its lovely red seeds, that come in a pod, which bursts open at a certain period; after cutting they keep for a long time, and are very ornamental. Strong clumps. 50c each; \$4.00 per 10.

LANTANA. Extremely pretty plants, producing their odd colored brownish-yellow flowers in great profusion for a long period. 4-inch pots, 35c each.

LANTANA. Lavender colored flowers; a very pretty variety of creeping habit. 5-inch pots, 50c each.

LEONOTIS. "Lon's Tail." Flowers ruddy orange, borne on whorls around the branches; very showy. 4-inch pots, 35c each; \$3.00 per 10. In flats (about 75) for \$6.00.

LIPPIA REPENS. Used to make lawns; requires very little water. \$2.50 per 100.

LOBELIA. Dwarf blue. 35c per 12; \$2.50 per 100.

LAVENDER, ENGLISH. 4-inch pots, 25c each.

MARIGOLD. 35c per 12.

MESEMBRYANTHEMUM PINK. These are much used for bedding purposes and planting on banks and hillsides. 60c per 12; \$4.00 per 100.

MESEMBRYANTHEMUM. Lavender flowers. 60c per 12; \$4.00 per 100.

MESEMBRYANTHEMUM. Flame-colored flowers. 60c per 12; \$4.00 per 100.

MARGUERITE, BLUE. 4-inch pots, 35c each.

MARGUERITE, WHITE. Pot grown, 15c each.

MARGUERITE, YELLOW. Pot-grown, 15c each.

NEW MARGUERITE, MRS. SAUNDERS. The flowers are snow-white and double. 3-inch pots, 15c each.

PANSIES. 60c per 12.

OENOTHERA LAMARKIANA. Evening Primrose. Flowers yellow, 3 and 4 inches in diameter; grows to a height of 3 feet. 30c each; \$3.00 per 12.

PHYSALIS FRANCHETTI. Chinese Lantern Plant. Grows 2 feet in height, with large pointed seed pods, which are yellow, changing to a brilliant scarlet in fall months. 30c each; \$3.00 per 12.

PENTSTEMON. Very ornamental plants, producing long spikes of showy colors in great abundance. Assorted colors, 10c each; \$1.00 per 12.

POPPY ORIENTAL. Scarlet. 50c per dozen.

PRIMULA AURICULA. 4-inch pots, 35c each; \$3.50 per 12.

SHASTA DAISY (Alaska). The flowers are very large, borne on long stems and very free in bloom. Single white, with yellow center. 60c per 12.

SANTOLINA. A beautiful border plant; foliage silvery gray; stands trimming well. Pot grown plants, 75c per 12; \$5.00 per 100.

SALVIA SPLENDENS. Scarlet flowers; continuous bloomers. Ready March. 10c each; 75c per 12.

SEA PINK (Armeria). Very dwarf, requiring no trimming. Flowers rose-pink. 50c per 12; \$3.00 per 100.

SNAPDRAGON. Fine varieties, in separate colors. 35c per 12.

STRAWBERRY. "Evergreen or Wild." Fine for covering embankments. 50c per 12; \$3.00 per 100.

STOCKS. In fine assortment. 35c per 12.

STREPTOSOLON JAMESONII (The "Yellow Heliotrope"). A very useful garden plant, producing masses of showy yellow flowers. 4-inch pots, 40c each.

VERBENA, MAMMOTH. All colors. Ready March. 10c each; 75c per 12.

WALLFLOWER. 35c per 12.



The Perennial Plant Garden.

FRUIT TREES AND SMALL FRUITS

The California Cultivator (a paper devoted to horticulture in this state) submitted to us the following questions and asked us to give them an answer thereto. As they bear very greatly on fruit tree planting in California, and we receive such questions daily from intending planters, we thought we would help planters by giving the questions and our reply. We know it will be of great assistance to the novice in fruit tree planting:

1. How many months are included in the best planting period, i. e., how early may fruit trees be taken from nursery in fall and how late may they be planted?

1. Late December, January, February, and early March.

2. Where is it best to plant them, i. e., can you give a general idea as to planting figs, apples, pears, cherries, walnuts, peaches, and such other fruits? Of course, if you covered all the fruits, this would take too much time, but whatever information you can give is greatly needed by tree planters. Orchard after orchard has been set out, only to prove a failure because owners did not understand this question.

2. Figs should be set out in the warmer sections, principally the San Joaquin and Sacramento Valleys, and the other fruits mentioned can be planted from Mendocino to San Diego. The intending planter, however, must use his own judgment about the best locations for each of these fruits.

3. What age and size of tree is best?

3. The best tree to plant out is what nurserymen call "one-year-old" trees; the root is a year older, so this practically makes the trees two years old, but nurserymen style them "one-year-old;" either three to four feet high or four to six feet high.

4. How large and how deep should holes be?

4. In sedimentary land, the hole does not require to be so very large, 1½ feet square will cover it. In heavier soil two feet will be necessary.

5. Is it best to plant any deeper in well-prepared soil than tree was set in nursery?

5. Plant a little deeper than what they were in the nursery—no more than one inch.

6. Would you recommend close pruning of roots before planting or simply trimming mutilated ends? If you favor close trimming of roots, would you go to the extremes recommended in the Stringfellow method?

6. We recommend medium cutting back of the roots. We would not go to the extreme as Mr. Stringfellow does, although we practice it a great deal in our nurseries when we are lining out young stock, and have good success with it.

7. Would you top trees, i. e., take off greater portion of top grown in nursery, and if so, before or after setting? Would you do it by exact measurement the orchard over, or according to vigor of trees?

7. Trees should be pruned after planting, not before. They should be cut back about to 2½ to 3½ feet; peaches and almonds should have some of the laterals left; prune these to two or three inches from the stem; the main stem has often blind eyes; apricots, prunes, pears, apples and plums can be trimmed to single stem.

8. If irrigation water is available, would you settle dirt about the trees with water or by tamping?

8. In the drier sections it is a good idea to use irrigation to settle the soil around the roots after planting, but in the northern parts and in the Santa Clara Valley, where the rainfall is good during the months of January and February, this is not necessary. Work the soil carefully around the roots; in light soil heavier tamping can be done than in heavy, wet land.

9. Would you advise use of fertilizer or manure, either in hole or on surface, at time of planting?

9. In planting large orchards no fertilizing is done.

10. Is any advantage gained by protecting trunks of newly planted trees from rays of sun? If so, what method is best?

10. It is very necessary to protect the trunks of young trees during the first summer months, either by tulle tree protectors, shakes set on the sunny side, or by wrapping newspaper and tying with a cord. This keeps the tree from getting sunburnt and is certainly of great benefit to the young tree.

APPLES

Price, 4 to 5 feet, \$1.00 each; \$9.00 per 10.

ESOPUS SPITZENBERG. Large, light red, rich. Sprightly; vinous flavor. November to January.

GRAVENSTEIN. A large striped, beautiful, roundish apple; of excellent quality, juicy, high flavored. Ripe in August.

JONATHAN. Light yellow, with red stripes; tender and juicy. Ripens October and November.

WHITE WINTER PEARMIN. Large, roundish, oblong and pale yellow; dotted with brown. Ripe December to February.

YELLOW NEWTON PIPPIN. Large; flesh yellow, firm, crisp, juicy, of exceedingly rich flavor. Ripe January to March.

YELLOW BELLEFLOWER. Very large, oblong, irregular and tapering toward the eye. Ripens November.

CRAB APPLES

Yellow and Red Siberian.

CHERRIES

Price, 4 to 6 feet, \$1.00 each; \$9.00 per 10.

BING. Fruit large, dark brown or black; very fine; late. A good shipping variety.

BLACK TARTARIAN. Very large, bright black. The favorite.

BURBANK. Very early and excellent.

CALIFORNIA ADVANCE. One of the earliest varieties; dark purple.

ENGLISH MORRILLO. Large dark red; a sour sort.

GOV. WOOD. Light yellow, blotched red. The best early.

LAMBERT. Very large; bright rich red; an excellent sort. Ripens two weeks earlier than Royal Ann.

LEWELLING (Black Republican). Large size; late and good.

NAPOLÉON BIGARREAU (Royal Ann). Very large; amber in color. The favorite white cherry.

PEARS

Price, 4 to 5 feet, \$1.00 each; \$9.00 per 10.

BARTLETT. Bears heavily; good for shipping and canning. Ripe in August.

BEURRE CLAIRGEAU. Very large, red cheek with russet ground. Ripe in September.

BEURRE HARDY. Large, russety, juicy and melting; very fine. Ripens in August.

SECKEL. Rather small, of good shape; yellow skin, with russety red cheek; flesh creamy white, rich flavor.

EASTER BEURRE. Very large; fine grain; melting and juicy. Very late.

P. BARRY. Very late; russety in color. Excellent.

WINTER BARTLETT. Fruit large, closely resembling the famous Bartlett, but ripens four months later.

WINTER NELLIS. Medium size, roundish, yellowish green, dotted with russet. November to January.

PLUMS

4 to 6 feet, \$1.00 each; \$9.00 per 10.

BURBANK. Yellowish ground, red cheek; firm.

BARTLETT. Yellow, turning to deep crimson; sweet and juicy.

CLYMAN. Mottled, reddish purple; early.

DAMSON. A fine blue plum, good for preserves.

FORMOSA. Very large, heart-shaped; skin cherry-red; flesh pale yellow, sweet and delicious.

FRUIT TREES AND SMALL FRUITS—Continued

GAVIOTA. Fruit ripens from July 15th to August 5th, and is of a deep rosy purple color; flesh honey yellow.

GREEN GAGE. Round, greenish yellow, with brown dots; very juicy and sweet. August.

KELSEY JAPAN. Very large, heart-shaped; green, changing to rich yellow, overspread with red. July to September.

RED EGG. Large oval; red. August.

SANTA ROSA. Very large; skin deep purplish crimson with pale blue bloom; flesh purple-shaped rosy scarlet.

SATSUMA. Japanese "Blood Plum." Flesh red.

WASHINGTON. Deep yellow, with pale crimson blush; flesh yellow, firm, very sweet and luscious.

PEACHES

Price, 4 to 5 feet, \$1.00 each; \$9.00 per 10.

BRIGGS MAY. White, red cheek; juicy and rich; early.

ELBERTA. Very large; bright yellow, with a beautifully mottled red cheek; flesh yellow, juicy, sweet. Ripens last of July.

FOSTER. Large yellow; resembles Early Crawford, ripening a little earlier; an excellent sort.

HALE'S EARLY. Medium size, nearly round; skin greenish white, red cheek; very rich and juicy. Ripens in July.

J. H. HALE. Late introduction; very fine; heavy bearer.

LATE CRAWFORD. Large yellow, red cheek.

LOVELL. Large yellow, good for canning and drying.

MAYFLOWER. "The earliest of all Peaches;" skin red; flesh white, excellent flavor; very heavy bearer.

MUIR. Has a delicious rich, buttery, sweet flavor. Ripens end of August.

PICQUETS, LATE. Yellow, red cheek; very good.

SALWAY. Large, yellow, with deep yellow flesh; very juicy, melting and rich.

STRAWBERRY. Medium size; flesh white; mid-season.

TUSCAN CLING. A very fine early clingstone; a good shipping and canning sort.

PRUNES

4 to 6 feet, 90c each; \$8.00 per 10.

FRENCH (Petite d'Agen). This is the prune now grown so extensively and successively in California for drying purposes; medium-sized; egg-shaped, violet purple; very rich and sugary. \$75.00 per 100.

HUNGARIAN. Fruit very large, with tendency to come double; reddish violet, covered with a handsome bloom.

IMPERIAL EPINEUSE. Large and uniform in size. Very sweet, and of high flavor.

ROBE DE SARGENT. Deep purple; rich and delicious.

SILVER. Very large; rich; yellow.

SUGAR. Skin very tender; at first of a light purple, tinted with green, changing at maturity to dark purple, covered with a thick, white bloom.

TRAGEDY. This is the earliest of all prunes, and earlier than any plum. Good size, dark purple skin, yellowish green flesh. Sweet and very rich.

NECTARINES

4 to 6 feet, \$1.00 each.

BOSTON. Deep yellow, mottled red. August.

HARDWICK. Pale green, red cheek; juicy and of high quality. September.

NEW WHITE. Skin white; rich flavor; excellent. July.

APRICOTS

Price, 4 to 5 feet, \$1.00 each; \$9.00 per 10.

BLENHEIM. The trees are early and regular bearers and have an abundance of foliage thoroughly protecting the fruit. Fruit above medium, oval; orange color; with deep yellow, juicy and rich flesh. July.

HEMSKIRKE. Large, roundish; flesh bright orange; tender and juicy, with a rich plum-like flavor; fruit not quite as large as the Moorpark, but ripens more evenly. August.

ROYAL. Of medium size, yellow with red cheek; immensely productive; an early ripening variety.

ALMONDS

Price, 4 to 5 feet, 90c each; \$8.00 per 10; \$75.00 per 100.

I. X. L. Nuts large; shells easily, no machine being needed, nor is any bleaching necessary; shell soft but perfect.

NE PLUS ULTRA. Tree a rapid grower, of bushy habit; a heavy and regular bearer.

NONPAREIL. Of a weeping style of growth; an extraordinary heavy and regular bearer, with very thin shell.

PAPER SHELL. Medium size; of fine flavor.

TEXAS PROLIFIC. Tree vigorous, with upright, open growth. Nut medium size. Shell medium soft.

DRAKE'S SEEDLING. Very heavy and regular bearer; good to plant as a pollenizer; medium hard shell.

QUINCES

Price, 4 to 5 feet, \$1.00 each.

APPLE, or Orange. Large, bright yellow.

CHAMPION. Very large; flesh tender, delicate flavor.

PINE APPLE. Very tender; makes a high flavored jelly; pineapple flavor.

FIGS

CALIFORNIA BLACK. Large, dark purple, almost black when fully ripe. (This variety does not require the Wild Fig for pollenization.) 3 to 4 feet, 80c each; \$7.00 per 10.

WHITE ADRIATIC. One of the very best sorts. 3 to 4 feet, 80c each; \$7.00 per 10.

ORANGES

Price, lifted with balls of soil, \$3.00 each.

RIVERSIDE WASHINGTON NAVEL. Fruit first-class in every respect; symmetrical, seedless; pulp fine-grained.

VALENCIA LATE. An orange of remarkably strong-growing habit, and claimed by those fruiting it to be a good bearer; a little later than Mediterranean Sweet.

LEMONS

Price, lifted with balls of soil, \$3.00 each.

EUREKA. Tree nearly thornless, of rapid growth and prolific bearer; fruit of the best quality. A general favorite.

LISBON. Medium size; sweet rind; very strong in acid; very few seeds; tree a rapid grower and very productive.

POMELOS (Grape Fruit)

Price, lifted with balls of soil, \$3.00 each.

MARSH'S SEEDLESS. Medium, practically seedless; skin thin and smooth; pulp juicy; of superior flavor. Keeps late.

OLIVES

Mission. 1/2 to 3/4 inch caliper, \$1.00 each.

GRAPE VINES

30c each; \$2.50 per 10.

FLAME TOKAY. Large red.

ROSE OF PERU. Bunches large, black.

MUSCAT OF ALEXANDRIA. Bunches and berries large; pale amber.

THOMPSON'S SEEDLESS. The well known raisin grape, also a fine eating sort.

CURRANTS

30c each; \$2.50 per 10.

BLACK NAPLES. Berries large and black.

CHERRY CURRANT. Very large, deep red. One of the best.

GOOSEBERRIES

OREGON CHAMPION. 30c each; \$2.50 per 10.

RHUBARB

Lorenzo, 15c each; \$1.50 per dozen.

FRUIT TREES AND SMALL FRUITS—Continued

RASPBERRY

CUTHBERT. The largest, handsomest and best red Raspberry cultivated. Bears transportation well. 15c each; \$1.00 per 10; \$6.00 per 100.

ST. REGIS. Of excellent quality; bears for a long period; berries large, bright crimson. 20c each; \$1.50 per 10.

SUPERLATIVE. Very large, red berries; produces during entire season. 20c each; \$1.50 per 10.

BLACKBERRY HIMALAYA

Bears immense crops of fruit, commencing to ripen about the middle of July and it will keep bearing until frost. The fruit is very large and the flavor is delicious, having a wonderfully fine aroma which commends itself to everyone.

Tip rooted plants, 25c each; \$2.00 per 10. Ready about 15th January.

BLACKBERRY MAMMOTH

Named by some 'The Black Loganberry.'

Flavor is a decided improvement on any known variety of blackberry. Set out nine feet apart, and six feet in the rows. Tip rooted plants 25c each; \$2.00 per 10. Ready about January 15th.

THE LOGANBERRY

(Raspberry-Blackberry)

It partakes of both flavors of the raspberry and the blackberry, being a combination of the two mixed; a very pleasant, mild, vinous flavor.

Tip rooted plants 25c each; \$2.00 per 10. Ready about January 15th.

A FEW DON'TS OF THE ORCHARD BUSINESS

Don't plant trees on dry hillsides.

Don't plant where the soil is shallow.

Don't leave the trees the first season without a drop of water or cultivation, and expect anything but poor success.

Don't leave your trees without some kind of tree protector, or they will sunburn.

Don't let your trees go without hoeing and cultivating.

Don't fail to prune your trees after planting.

Don't plant where the hardpan is near the surface unless you first dynamite the holes.

Don't leave your trees exposed to drying winds at time of planting.

Don't let squirrels, rabbits and gophers get fat on your trees.

STRAWBERRIES

Price, 50c per 12; \$3.50 per 100.

BRANDYWINE. (Per.). Very productive; blossoms perfect; fruit very large, of good form, bright red all over, and of good quality. Season, medium to very late.

KLONDYKE. Rich red; of mild flavor; quite juicy; very productive.

MAGOON. Large berry, dark red in color, and of very fine aroma.

MARSHALL. (Per.). Of enormous size, blood red color, rich aromatic flavor. One of the good old "standbys."

OREGON EVERBEARING. A very fine variety; a heavy and regular bearer.

BANNER STRAWBERRY

This well-known variety is now so well known that it needs no description; excellent in every way. 60c per 12; \$4.00 per 100.

WALNUTS

FRANQUETTE. Grafted on California Black. 4 to 5 feet, \$2.75 each; \$25.00 per 10.

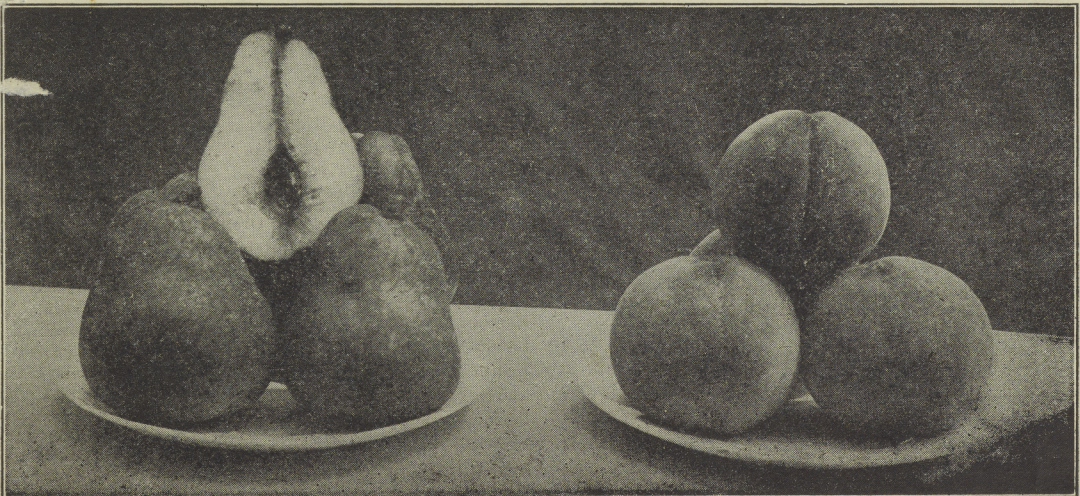
MAYETTE. Grafted on California Black root. 4 to 5 feet, \$2.75 each; \$25.00 per 10.

Kindly let us know if we can substitute, should we be sold out of any of the varieties. It will be about the second week in January when we commence shipping fruit trees.

DISTANCES FOR PLANTING FRUIT TREES

| | |
|--------------------------------------|------------------------------|
| Standard Apples..... | 25 to 30 feet apart each way |
| Standard Pears..... | 24 to 30 feet apart each way |
| Cherries | 24 to 30 feet apart each way |
| Standard Plums and Prunes..... | 24 to 30 feet apart each way |
| Apricots, Peaches, Nectarines..... | 24 to 30 feet apart each way |
| Grapes | 7 to 10 feet apart each way |
| Walnuts | 40 to 50 feet apart each way |
| Currants and Gooseberries..... | 4 by 6 |
| Blackberries and Loganberries..... | 3 to 4 by 5 to 7 |
| Strawberries for Field Culture..... | 1 to 1½ by 4 to 5 |
| Strawberries for Garden Culture..... | 1 to 2 feet apart |

To find out how many trees it takes to plant one acre—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet for each plant or hill, which, divided into the number of feet in an acre (43,560), will give the number of plants or trees to the acre.



Bartlett Pear

Crawford Peach

SUITABLE SOILS FOR FRUIT TREES

Trees on the Almond Root require to be in a deep, well-drained and warm soil.

Trees on the Peach Root will succeed in a greater variety of soils; a gravelly soil, a red hill soil, a sandy river bottom, or a moderate heavy land.

The Myrobalan Plum Root is the best for most varieties of prunes and plums, but it requires a rich, moist land to produce the best results, and will do well in quite a heavy wet soil.

The Apple and Pear require a deep, rich land, and will take a good deal of moisture, especially the latter.

The Cherry requires a deep, sandy loam.

The Apricot on Peach Root will thrive in the same soils as the peach on peach root; on its own root it will not do so well in shallow soil. What applies to the peach applies similarly to the nectarine.

The Quince will grow in very wet land.

The Walnut requires a very deep, rich land.

SPRAYING FORMULAS

Bordeaux Mixture—(For Curl Leaf, Shothole Fungus and Apple Scab.) This fungus is familiar to all orchardists, and is especially severe on some varieties of the peach more than on others. In the latest experiments, the following remedy has proved the most effectual:

| | |
|----------------------------------|----------|
| Copper Sulphate (Bluestone)..... | 4 lbs. |
| Fresh lime | 5 lbs. |
| Water | 50 gals. |

Dissolve the Copper Sulphate (Bluestone) in a barrel containing 10 to 12 gallons of water. Slake the quicklime and thin to a creamy whitewash. Pour the whitewash very slowly through a wire screen into the copper solution. Stir the mixture thoroughly, and add enough water to make 50 gallons in all. Stir occasionally while applying as a spray to the trees.

In the preparation of the Bordeaux mixture it is necessary that the ingredients should be mixed in a wooden vessel. If an iron vat is used, the copper will go to the iron, and the effect of the spray is largely neutralized. Apply the remedy cold and as soon after it is prepared as possible. Never allow it to stand overnight.

For Brown Rot, on apricot trees, apply Bordeaux Mixture, as flower buds are about to swell, once only.

FOR FLAT-HEADED BORERS

(Chrysobothris Femorata.)

Guard the stems of trees from infection, by placing a shake or board on the south and west sides of the trees, which protects them from sunburn; or give a coating of whitewash containing some soap and sulphur. On removing a borer, smear the wound over with grafting wax.

FOR RED SPIDER OR YELLOW MITE ON DECIDUOUS TREES

Soon after the trees are in leaf in spring, and while they are damp with dew in the morning, thoroughly dust them with sulphur. Use sulphur bellows, or, if the orchard is extensive, fix up a broadcast seeder on a wagon. With this arrangement an orchard can be treated very thoroughly and with dispatch. Infested orchards should be treated at least three times during the spring and early summer.

FOR CODLING MOTH

1st spray. As soon as possible after blossoms have fallen. Bordeaux mixture (Bluestone 3 lbs., lime 4 lb., water 50 gallons) with 2½ to 3 lbs. of Arsenate of Lead added to each 50 gallons.

2d spray. First week in June. Arsenate of Lead 2 lbs., water 50 gallons. (No Bordeaux.)

3d spray. About August 1st. Same as 2d.

4th spray. Only required for such varieties as will remain on trees through October. Apply about September 1st. Arsenate of Lead, ½ lb., water 50 gallons.

ROSIN WASH FOR BLACK SCALE ON CITRUS, OLIVE AND OTHER EVERGREEN TREES

(Apply in August and September.)

| | |
|-------------------------|-----------|
| Rosin | 20 lb. |
| Caustic soda (98%)..... | 5 lb. |
| Fish-oil | 3 p. |
| Water, to make..... | 100 gals. |

The directions for preparing this remedy are the same for the rosin wash for winter.

LIME, SULPHUR AND SALT WASH

(For winter use upon Deciduous Trees.)

For Brown Apricot scale, and as a preventive of curl leaf on peach trees, the following formula and directions, if properly carried out, will produce an effective remedy:

| | |
|---------------------|----------|
| Unslaked lime | 40 lbs. |
| Sulphur | 20 lbs. |
| Stock salt | 15 lbs. |
| Water, to make..... | 60 gals. |

Directions.—Place 10 lbs. of lime and 20 lbs. of sulphur in a boiler with 20 gallons of water, and boil over a brisk fire for not less than one hour and a half, or until the sulphur is thoroughly dissolved. When this takes place, the mixture will be of an amber color. Next place in a cask 30 lbs. of unslaked lime, pouring over it enough hot water to thoroughly slake it; and while it is boiling, add the 15 lbs. of salt. When this is dissolved, add to the lime and sulphur in the boiler, and cook for half an hour longer, when the necessary amount of water to make the 60 gallons should be added.

INDEX

| | | | | | | | | | | | |
|---------------------|----|--------------------|----|---------------------|----|--------------------|----|--------------------|----|-------------------|----------|
| Abelia | 6 | Cal. Big Tree..... | 5 | Delphinium | 11 | Grevillea | 6 | Lippia | 12 | Pomegranate | 7 |
| Acacia | 5 | Cal. Wild Cherry.. | 5 | Deutzia | 7 | Hakea | 7 | Lonicera | 7 | Poplar | 8 |
| Apple, Flowering | 8 | Camphor Tree..... | 5 | Diosma | 6 | Hawthorn | 8 | Magnolia | 6 | Privet | 6 |
| Araucaria | 5 | Carnation | 10 | Edwardsia | 6 | Heath | 7 | Maple | 8 | Quince, Flowering | 7 |
| Arbutus | 6 | Carob Tree..... | 6 | Erica | 7 | Heuchera | 11 | Mock Orange..... | 7 | Raphiolepis | 7 |
| Asparagus Fern.. | 10 | Cassia | 6 | Escallonia | 7 | Holly | 6 | Mountain Ash | 8 | Redwood | 5 |
| Aspidistra | 10 | Casuarina | 5 | Eucalyptus | 6 | Hydrangea | 7 | Myrtle | 7 | Roses | 3 |
| Aucuba | 6 | Cedar | 5 | Eugenia | 7 | Hypericum | 7 | Oleander | 7 | Snowball | 7 |
| Azara | 6 | Cercis | 8 | Eunymus | 7 | Kerria | 7 | Palms | 8 | Spiraea | 7 |
| Azalea | 6 | Choisya | 4 | Ferns | 10 | Laburnum | 8 | Pampas Grass..... | 8 | Spruce | 6 |
| Bamboo | 8 | Chyrsanthemum... | 11 | Flowering & Bed- | 11 | Laurel | 6 | Peach, Flowering.. | 8 | Tamarix | 7 |
| Berberis | 6 | Climbing Plants.. | 9 | ding Plants | 11 | Laurustinus | 7 | Pelargonium | 9 | Texas Umbrella... | 8 |
| Birch | 8 | Coprosma | 9 | Fruit Trees & Small | 13 | Lemon Verbena... | 7 | Pepper Tree..... | 6 | Veronica | 7 |
| Boston Ivy..... | 9 | Cotoneaster | 7 | Fruits | 10 | Leonotis | 12 | Pine | 6 | Violets | 10 |
| Bougainvillea | 9 | Crataegus | 7 | Fuschias | 10 | Loquat | 6 | Pittosporum | 6 | Walnuts..... | 8 and 15 |
| Box Tree..... | 6 | Cryptomeria | 6 | Genista | 9 | Leptospermum | 7 | Plum, Purple | 8 | Weigilea | 7 |
| Broom | 6 | Cypress | 5 | Geranium | 11 | Lilac | 7 | Leaved | 8 | Willow | 8 |
| | | | | | | | | Polygala | 7 | Wistaria | 9 |